



CITY OF HEREFORD.

1939.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND OF THE

SCHOOL MEDICAL OFFICER.

HEREFORD :

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1940.



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SCHOOL MEDICAL OFFICER

BY

A. MIDDLETON BROWN,
M.A., M.D., D.P.H.

MEDICAL OFFICER OF HEALTH ;

MEDICAL OFFICER TO THE MATERNITY AND CHILD WELFARE
CENTRE ; AND SCHOOL MEDICAL OFFICER.

CITY OF HEREFORD

Health Committee :

Councillor H. P. BARNSELY, Mayor.

Councillor T. LINDSEY PRICE, Chairman.

Alderman Mrs. LUARD, O.B.E. Alderman R. C. MONKLEY.

Councillor J. H. E. CREES, Lit.D. Councillor T. O. D. STEEL.

Councillor J. VINCENT SHAW, M.B., Ch.B.

Maternity and Child Welfare Sub-Committee :

Councillor H. P. BARNSELY, Mayor.

Councillor T. LINDSEY PRICE, Chairman.

MEMBERS OF THE HEALTH COMMITTEE, with Mesdames W. AINSLIE

W. G. C. BRITTEN and H. T. FISH.

Housing Acts Committee :

Councillor H. P. BARNSELY, Mayor.

Councillor J. VINCENT SHAW, M.B., Ch.B., Chairman.

Alderman F. W. ALLCOCK. Councillor H. F. B. BIGGS.

Councillor HUDSON DAVIES. Councillor T. POWELL.

Councillor T. LINDSEY PRICE.

T. B. FELTHAM, Town Clerk.

PUBLIC HEALTH DEPARTMENT,
TOWN HALL ANNEXE,
October, 1940.

**To the Right Worshipful the Mayor, Aldermen
and Councillors of the City of Hereford.**

I have the honour to submit the Annual Health Report for 1939.

The report is in an abbreviated form as required by the Central Authorities.

I am,

Your obedient Servant,
A. MIDDLETON BROWN, M.D.,
Medical Officer of Health.
School Medical Officer.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

MEDICAL— PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

NAME.	Qualifications.	Office held.	Whole or Part Time.	Other Public Office.
A. MIDDLETON BROWN	... M.A., M.D., Ch.B., D.P.H.	Medical Officer of Health ...	Part ...	School Medical Officer; Medical Officer, Maternity and Child Welfare Centre; Examining Police Surgeon.
W. G. MAULE	... M.B., Ch.B.	Medical Attendant at City Isolation Hospital ...	Part ...	—
W. AINSLIE	... M.D., Ch.B., F.R.C.S.E.	Consultant ...	Part ...	—
I. W. MACGREGOR	... M.B., Ch.B.	Consulting Surgeon for Ear, Nose and Throat ...	Part ...	—
MRS. B. E. W. STALLARD	... M.D., B.S.	Medical Officer, Ante-natal Clinic ...	Part ...	—
OTHERS—				
W. T. RIGBY	... F.I.C.	City Analyst ...	Part ...	—
S. PROTHEROE	... Cert. R.S.I.	Sanitary Inspector, Inspector under the Food and Drugs Act, and Housing Act, etc. ...	Whole ...	—
J. LEACH	... Cert. R.S.I., Cert. Meat Inspector.	Additional Sanitary Inspector ...	Whole ...	—
R. L. PUGH	... —	Assistant ...	Whole ...	—
L. WEEKS	... —	Clerk ...	Whole ...	—
MISS M. M. SCOURFIELD	... Trained Nurse, Cert. C.M.B.	Health Visitor. Infant Protection Visitor ...	Part ...	School Nurse.
MISS E. M. TARBUTT	... Trained Nurse, Cert. R.S.I.	Health Visitor. Infant Protection Visitor ...	Part ...	School Nurse.
MISS E. M. NORMAN	... S.R.N. Cert. R.S.I. Cert. C.M.B.	Health Visitor. Infant Protection Visitor ...	Part ...	School Nurse.
MISS D. BURN	... —	Clerk ...	Part ...	Clerk in School Medical Department.
*MISS M. BOOTH	... Trained Nurse	Matron, City Isolation Hospital ...	Whole ...	—
W. EDWARDS	... —	Disinfecter ...	Whole ...	—
G. DAVIES	... —	Public Slaughterhouse Manager ...	Whole ...	—

* In addition to the Matron, the female staff of the Isolation Hospital consists of four nurses, a cook, a laundrymaid, and a ward maid.

CITY OF HEREFORD.

1939.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area	...	...	...	...	...	...	5,031 acres
Population (enumerated at Census, 1931)	...	...	...	...	...	...	24,163
Registrar-General's Estimate of Resident Population, 1939—							
(a) For calculation of Birth Rate	...	...	...	...	...	...	26,650
(b) For calculation of Death Rate	...	...	...	...	...	...	27,190
Number of Inhabited Houses (end of 1939) according to Rate Books	...	...	...	...	...	...	7,947
Rateable Value	...	...	...	...	...	...	£220,537
Sum represented by a Penny Rate	...	...	...	...	...	...	£836 14 11

UNEMPLOYMENT FIGURES.

The following table shows the number of unemployed persons resident in the City, during each month of the year, registered at the Local Labour Exchange :—

	1939.			<i>Men.</i>	<i>Women.</i>
January	362	200
February	577	216
March	724	341
April	458	207
May	473	160
June	385	201
July	97	104
August	140	156
September	96	104
October	123	102
November	126	150
December	137	91

VITAL STATISTICS.

	<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Live Births—Legitimate	351	184	167
Illegitimate	34	15	19
Birth Rate per 1,000 of the estimated resident population		14.4	

	<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Still Births	24	11	13
Rate per 1,000 total (live and still) births		...	50.8

	<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Deaths	328	169	159
Death Rate per 1,000 of the estimated resident population		11.6	

	<i>Deaths.</i>	<i>Rate per 1,000 total (live and still) births.</i>
Deaths from Puerperal causes		
No. 29. Puerperal Sepsis	—	—
No. 30. Other puerperal causes...	2	4.8
Total ...	2	4.8

Death Rate of Infants under one year of age :—		
All infants per 1,000 live births		43
Legitimate infants per 1,000 legitimate live births		34
Illegitimate infants per 1,000 illegitimate live births		14.7
Deaths from Cancer (all ages)		36
,, ,, Measles (all ages)		—
,, ,, Whooping Cough (all ages)		—
,, ,, Diarrhoea (under 2 years)		1

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

There have been no developments or changes during the year in the following services :

LABORATORY FACILITIES.

AMBULANCE FACILITIES.

NURSING IN THE HOME.

HOSPITALS.

MATERNITY AND CHILD WELFARE.

MIDWIVES.—At the end of the year 14 midwives were in practice: 2 at the P.A.I., 4 at the General Hospital, 5 at the Nursing and Maternity Society and 3 in private practice.

MATERNAL MORTALITY.—There was 1 death from Eclampsia in the City and 1 death from Internal Haemorrhage was transferred in to the City.

PUERPERAL MORBIDITY.—There were 12 cases of Puerperal Pyrexia. The cause of the condition was ascertained in 11 cases., viz. 3 cases of prolonged labour, 2 cases of Influenza, and 1 each of Breast Abscess, Pyelitis, Phlebitis, Albumenuria, Ruptured Perinaeum, and Domestic Worry.

OBSTETRIC CONSULTANT.—Mr. William Ainslie, F.R.C.S.E. was appointed Obstetric Consultant as from 1st April, 1939. His services were required for 26 cases during the nine months.

VISITS TO HOMES OF INFANTS BY HEALTH VISITORS.

First visits	...	...	...	...	...	359
Second visits	...	...	...	...	...	328
Third visits	...	...	...	...	...	298
Fourth visits	...	...	...	...	...	274
Fifth and subsequent visits	...	...	...	...	...	170
Total						1429

Visits to infants between 1 and 5 years : 3811

Visits to expectant mothers :

First visits	...	...	...	...	...	230
Total visits	...	...	...	...	...	624

INFANT FEEDING.

At 307 "Birth" visits it was found that 224 (73%) were entirely breast-fed; 21 (7%) were partly breast-fed; 16 (5%) were breast-fed and subsequently bottle-fed, and 46 (15%) were bottle-fed.

947 gallons of certified milk were supplied free to expectant and nursing mothers and children, and 3,327 lbs. of dried milk were issued at cost price for infant feeding.

MATERNITY AND CHILD WELFARE CENTRE.

742 mothers made 7,901 attendances; 78 of the mothers came from the Rural District.

Children under 1 year made 5,684 attendances, and between 1 and 5 years, 2,555 attendances. 197 children made 954 attendances at the Toddlers' Clinic.

29 children under 1 year made 146 attendances and 99 children over 1 year made 574 attendances for treatment at the Minor Ailment Clinic.

4 children were operated on for Enlarged Tonsils and Adenoids.

ANTE-NATAL CLINIC.

176 expectant mothers made 734 attendances. Of these 12 were from the Rural District.

DENTAL TREATMENT.

146 mothers and 45 children under 5 years were treated.

CHILD LIFE PROTECTION.

On Register at 31st December, 1938	...	7
Added during 1939	... ..	11
		<hr/> 18
Taken off Register in 1939—		
(a) To parent or other relative	... ..	2
(b) Left district	... ..	1
(c) To P.A. Institution	... ..	1
		<hr/> 4
Remaining on Register at 31st December, 1939	... ..	14
Foster mothers at 31st December, 1939	...	13

NOTIFICATION OF BIRTHS.

Live Birth notified	... ..	445
Still Births notified	... ..	26
		<hr/>
Total	...	471

88 notifications were transferred out to other M. and C.W. Areas.

REGISTRATION OF BIRTHS.

The number of live births registered in the City was 385 (199 males and 186 females), equal to a Birth Rate of 14.4 of population. The Birth Rate for England and Wales was 12.1.

Of the 385 live births, 34 (15 males and 19 females) were illegitimate. There were 24 still births, all of which were legitimate births.

INFANTILE MORTALITY.

Seventeen infants died before reaching the age of 12 months. All were legitimate births. The Infantile Mortality Rate per 1,000 live births was 43. The Infantile Mortality Rate for England and Wales was 50.

The causes of death were :

<i>Cause.</i>	<i>Males.</i>	<i>Females.</i>
Broncho Pneumonia	3	1
Intra Cranial Haemorrhage	2	—
Malformation	1	1
Prematurity	3	1
Asphyxia	2	—
Intestinal Haemorrhage	1	—
Gastro-enteritis	1	—
Fractured skull	1	—
	—	—
	14	3
	—	—

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

An 8-inch high pressure main has been laid from the Hunderton Estate along Hunderton Road and Walnut Tree Lane to Ross Road, chiefly for the purpose of supplying the Militia Camp. Mains have been extended to the new County Hospital and St. Martin's School, and service mains for estate development at the following : Orchard Estate, Lichfield Avenue, Cumbrae Avenue, Manor Road, Aconbury Avenue, Fayre Oaks Estate, Southbank Road, Church Road, and Gorsty Lane.

WELLS.

During the year 4 samples of water from 2 wells supplying 4 houses were collected, 2 for chemical examination and 2 for bacteriological examination, and submitted to the County and City Laboratory. They were reported to be unsatisfactory and the owners were called upon to connect to the town water mains.

No change has taken place during the year and there are still 30 houses supplied by 21 wells in the City, 18 of which are outside the town water supply.

DRAINAGE AND SEWERAGE.

A 12-inch sewer has been constructed in Hoarwithy Road from a point near Web Tree Avenue, along the Militia Camp frontage, to a point opposite Watery Lane. Sewers have also been constructed for building developments in South Bank Road, Putson Estate and Orchard Estate.

Four houses in the Tupsley district were erected during 1939 outside the City sewerage system and were connected to septic tanks.

RIVER AND STREAMS.

An open Water course known as the Bayley Brook was piped during the year from Red Hill to Holme Lacy Road, a distance of about 618 yards, to prevent flooding of the adjacent properties during heavy rains.

No instances of pollution of the River Wye and the various streams passing through the City were reported during the year.

CLOSET ACCOMMODATION.

No change has taken place during the year and the numbers and types of closets on the conservancy system are the same as mentioned in my Report for 1938.

PUBLIC CLEANSING.

The collection by closed motor vehicles instituted in 1938 for the major portion of domestic refuse has continued in operation, and the refuse is destroyed at the Destructor. A certain amount of tipping is done at College Hill and this gives rise occasionally to a nuisance.

The mechanical gully emptier and flusher and the mechanical road sweeper also continue to operate.

All new houses are provided with galvanised iron-bins with covers, and 190 existing houses were provided with bins in place of improper and uncovered receptacles.

SANITARY INSPECTION OF THE AREA.

The number and nature of inspections and visits made by the staff of the Health Department during the year were as follows :—

Nuisances and work in progress	...	...	...	555
Re Ashbins	...	...	...	176
Housing Acts	...	...	...	369
Overcrowding	...	...	...	10
Tents and Vans	...	...	...	78
Infectious Disease	...	...	...	517
Factory and Workshop Act	...	...	...	122
Outworkers	...	...	...	16
Bakehouses	...	...	...	47
Food Preparing Places	...	...	...	187
Ice Cream Premises	...	...	...	20
Shops Act	...	...	...	42
Merchandise Marks Act	...	...	...	104
Dairies, Cowsheds and Milkshops	...	...	...	141

Public Slaughterhouse	...	...	...	...	248
Stables and Piggeries	...	...	...	...	18
Offensive Trades	...	...	...	...	5
Public Conveniences	...	...	...	...	735
Schools and Public Buildings	...	...	...	...	18
Verminous Houses	...	...	...	...	40
Air Raid Precautions	...	...	...	...	96
Evacuation Scheme	...	...	...	...	139
Army Billets	...	...	...	...	26
Miscellaneous	...	...	...	...	371
Total				...	4,080

The following table shows the number of statutory and informal notices served during the year and the result of the service of such notices.

Statute or Byelaws.	Notices not complied with at end of 1938	Notices served during 1939		Complied with during 1939.	Notices not complied with at end of 1939
		Statutory	Informal		
Public Health Acts	3	9	262	256	18
Housing Act	—	—	4	4	—
Hereford Corporation Act	—	13	17	30	—
Factories Act	4	—	29	32	1
Shops Act	4	—	4	7	1
Milk and Dairies Order	—	—	14	14	—
City Byelaws	—	—	3	3	—
Totals	11	22	333	346	20
		355			

In addition to the above notices, 116 reports were made to other departments and 271 reports on cases of notifiable infectious disease were made to the Medical Officer of Health 25 of which were by the Health Visitors.

The number of complaints received and investigated during year was 207.

Twenty-nine tests were applied to drainage systems, 21 water, 3 colour, and 5 smoke.

DEFECTS AND NUISANCES.

DRAINAGE.

Obstructed drains opened and cleansed	...	...	46
Defective drainage repaired or relaid	...	...	19
Houses with insufficient drainage, extra provided	...	...	—
Glazed stoneware gully traps fixed	...	...	26
Drainage removed from inside houses	...	...	—
Houses connected to public sewer	...	...	1
Sewage removed from cellars	...	...	—
Intercepting and inspection chambers constructed	...	...	2
Inspection chambers repaired	...	...	11
Ventilating shafts fixed or repaired	...	...	5
Overflowing cesspools	...	...	3
Water courses cleaned out	...	...	7

CLOSETS, PRIVIES AND URINALS.

Obstructions to W.C.'s removed	...	...	46
Dirty basins of W.C.'s cleansed	...	...	5
W.C.'s repaired or erected	...	...	23
Insufficient accommodation, extra W.C.'s erected	...	...	5
Pedestal basins fixed	...	...	19
Water supply provided to W.C.'s	...	...	5
Soil-pipes repaired or new fixed	...	...	1
Flushing apparatus repaired or new provided	...	...	21
Ventilation provided to W.C.'s	...	...	3
Dirty walls of W.C.'s limewashed	...	...	6
Urinals repaired or erected	...	...	3
Pail Closets converted to W.C.'s	...	...	—
Pail or Privy Closets abolished	...	...	—

DWELLING HOUSES, ETC.

Houses demolished under Demolition Orders	...	...	46
Overcrowding abated	...	...	18
Verminous houses disinfected	...	...	26
Dilapidated and dirty houses repaired and cleansed	...	...	9
Damp walls remedied	...	...	8
Roofs repaired	...	...	17
Spouting repaired or new provided	...	...	7
Chimneys and fireplaces repaired	...	...	23
Floors relaid or repaired	...	...	18
Doors repaired or new provided	...	...	17
Staircases repaired	...	...	6
Windows repaired or made to open	...	...	47
Ventilation provided to bedrooms	...	...	7

DWELLING HOUSES, ETC.—continued.

Food pantries provided	...	...	...	...	4
Galvanised refuse bins provided	...	...	...	...	190
Town water supply laid on to houses	...	...	...	...	1
Drinking wells abolished	...	...	...	...	—
Yards and passages paved or repaired	...	...	...	...	2
Washhouses repaired or erected	...	...	...	...	2
Washing boilers provided or repaired	...	...	...	...	1
Dirty walls of washhouses limewashed	...	...	...	...	4

SINKS AND WASTE-PIPES.

Dilapidated sinks repaired	...	...	...	...	3
New glazed stoneware sinks fixed	...	...	...	...	3
Waste-pipes repaired or new provided	...	...	...	...	8
Waste-pipes and rainwater pipes disconnected over gullies	...	...	...	...	2

KEEPING OF ANIMALS AND MANURE.

Nuisances from poultry and animals abated	...	...	...	2
Accumulations of manure and refuse removed	...	...	...	29

MISCELLANEOUS.

Contraventions of Byelaws in respect to Tents and Vans	...	...	...	1
Contraventions of Byelaws in respect to Swine	...	...	...	1
Contraventions of Byelaws in respect to Offensive Trades	...	...	...	—
Contraventions of Byelaws in respect to Transport of Food	...	...	...	2
Dairies limewashed after notice	...	...	...	14
Bakehouses limewashed after notice	...	...	...	11
Conversion of outbuildings into Bakehouse	...	...	...	1
Food preparing places cleansed after notice	...	...	...	4
Miscellaneous nuisances abated	...	...	...	25

PREMISES AND OCCUPATIONS CONTROLLED BY
BYELAWS, REGULATIONS, ETC.

SLAUGHTERHOUSES.

The public slaughterhouse is referred to on page 22. There are no registered or licensed slaughterhouses in the City.

COMMON LODGING HOUSES.

There are no registered Common Lodging Houses in the City.

OFFENSIVE TRADES.

There are 2 fell-mongers, 1 tripe boiler and 1 gut-scraper in the City. The latter occupies a building at the Public Slaughterhouse. No complaints were received during the year, and there was no necessity for any action under the Bye-laws.

PUBLIC CONVENIENCES.

The public sanitary conveniences in the Streets are under the control of the Health Committee, and a man is specially employed in cleaning and disinfecting. Those in the Cattle Market, Castle Green, Car Park, and Cemetery are under the control of their respective Committees.

TENTS AND VANS.

The annual pleasure fair was again held in the central streets of the City from Tuesday evening, 2nd May till Thursday evening 4th May, when it was transferred to the Car Park in Edgar Street. The Chief Sanitary Inspector along with the additional Sanitary Inspector visited all the 70 living vans on the 3rd May, when they found them generally satisfactory and no cases of illness were noted. They were occupied by 165 adults and 22 children.

RAG FLOCK ACTS, 1911 AND 1928.

There are no manufacturers of Rag Flock in the City and upholsterers obtain their supplies under warranty that it conforms to the standard of cleanliness laid down by the Regulations of 1912. No samples were taken during the year.

SMOKE ABATEMENT.

Thirty-four observations were made of chimneys in the City.

Proceedings were instituted against 1 firm for emitting smoke in such quantity as to be a nuisance under section 101 of the Public Health Act, 1936. At the hearing, the Justices decided that a statutory nuisance existed, although practicable means to prevent it were being taken, and in view of the possibility of a recurrence, an Order was made that the defendants should execute any work, necessary to prevent such a recurrence within nine months. At the end of the year a new boiler plant was being installed.

Bye-laws came into operation the 1st October, 1939, regulating the emission of smoke of such colour, density, or content for more than three minutes in any period of thirty minutes.

SWIMMING BATHS.

Chlorination of the water has been carried out regularly and bacteriological examinations continue to be made. The reports are satisfactory.

ERADICATION OF BED BUGS.

The number of houses infested during the year was :

(a) Council houses	...	...	...	...	19
(b) Other houses	...	...	...	...	7
(c) Number disinfested	...	...	...	...	26

“ Cimex ” blocks and spraying with insecticides are used for freeing infested houses and burning with a blow lamp is used for badly infested parts, the work being done by the Local Authority.

SCHOOLS.

The sanitary condition and water supply to all the schools are satisfactory.

The medical inspection of children is referred to in my Annual Report as School Medical Officer. During the year 302 notices were sent to Head Teachers requiring the exclusion from school of 349 children on account of infectious disease, and 169 notices were sent to Superintendents of Sunday Schools.

SHOPS ACT, 1934.

Forty-two visits were paid to shops in relation to ventilation, temperature, sanitary conveniences and washing facilities, and notices were served under Section 10 of the Act for the following :

To provide means of ventilation	...	...	1
To provide sanitary conveniences	...	...	2
To provide washing facilities	...	...	1

HEREFORD CORPORATION ACT, 1936.

DRAINAGE.—Twenty-five notices were served under section 98 to remove obstructions from drainage within twenty-four hours, and all were complied with.

ICE-CREAM.—Ten applications for registration (1 Manufacturer Vendor and 9 Vendors) were granted during the year after an inspection of the premises as required by Section 104, and at the end of the year there were 66 premises in the City where Ice Cream is manufactured or sold.

POTTED AND PRESERVED FOODS.—Two applications for registration under Section 108 were granted during the year, and there are now 38 premises in the City where potted, pressed, pickled or preserved meat intended for sale is manufactured. All the premises are periodically visited, and on the whole found in a satisfactory condition.

TRANSPORT OF FOOD.—Two cases of contravention of the Bye-laws made under the Act were found by allowing dogs to

be conveyed in vehicles at the same time as food, and the owners were cautioned.

CAMPING GROUNDS.—“ Camping Ground ” means any plot of land on which three or more moveable dwellings are situated or which is intended to be used for the placing thereon of three or more moveable dwellings. Under the Bye-laws no applications have been received for consent to use any land in the City as a camping ground.

BYE-LAWS.

The following Bye-laws were made by the Council and approved by the Minister of Health during the year :

For preventing grease, fat and oil from being discharged into sewers or drains.

Emission of smoke.

Building Bye-laws.

Cycling on footpaths.

Roller skating.

FACTORIES AND WORKSHOPS.

1.—INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS.

<i>Premises.</i> (1)	<i>Number of</i>		
	<i>Inspections</i> (2)	<i>Written Notices</i> (3)	<i>Occupiers prosecuted</i> (4)
FACTORIES with mechanical power ...	95	17	—
FACTORIES without mechanical power ...	26	10	—
OTHER PREMISES under the Act (including works of building and engineering construction but not including outworkers' premises)	1	1	—
Total ...	122	28	—

2.—DEFECTS FOUND.

Particulars (1)	Number of Defects			Number of defects in respect to which Prosecutions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of cleanliness (S. 1)	11	11	—	—
Overcrowding (S. 2)	—	—	—	—
Unreasonable temperature (S. 3) ...	—	—	—	—
Inadequate ventilation (S. 4)	—	—	—	—
Ineffective drainage of floors (S. 6) ...	—	—	—	—
Sanitary Conveniences (S. 7)—				
Insufficient	4	3	—	—
Unsuitable or defective	9	9	—	—
Not separate for Sexes	—	—	—	—
Other offences	4	4	—	—
(Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937).				
Total.	28	27	—	—

3.—OUTWORK IN UNWHOLESOME PREMISES.

Instances	1
Notices served	1

HOUSING.

Number of New Houses erected during the year:—

By the Local Authority	195
By other bodies or persons	224
	<hr/>
	419
	<hr/>

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR.

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	106
(b) Number of inspections made for the purpose	106

(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	52*
		Number of inspections made for the purpose	52
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	50*
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	1

*Included in these numbers are 11 houses dealt with in Clearance Areas.

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	9
--	---

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	—
-----	--	---

(2) Number of dwelling-houses which were rendered fit after service of formal notices:—

(a)	By owners	—
-----	------------------	---

(b)	By Local Authority in default of owners	—
-----	---	---

(b) Proceedings under Public Health Acts :—

(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	—
-----	---	---

(1) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(a)	By owners	—
-----	------------------	---

(b)	By Local Authority in default of owners	—
-----	---	---

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1)	Number of dwelling-houses in respect of which Demolition Orders were made	21
-----	--	----

(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	46
(d)	Proceedings under Section 12 of the Housing Act, 1936 :—	
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	3
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	—

In addition to the above :—

Number of houses closed on an undertaking of the owner under Section 11	9
Number of houses awaiting demolition under Demolition Orders	39
Number of houses demolished under Clearance Orders	272
Number of houses awaiting demolition under confirmed Clearance Orders	202

4. HOUSING ACT, 1936—PART IV.—OVERCROWDING.

(a)	(i)	Number of dwellings overcrowded at the end of the year	15
	(ii)	Number of families dwelling therein	16
	(iii)	Number of persons dwelling therein	114½
(b)		Number of new cases of overcrowding reported during the year	2
(c)	(i)	Number of cases of overcrowding relieved during the year	18
	(ii)	Number of persons concerned in such cases	114
(d)		Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	—
(e)		Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	—

CLEARANCE AREAS.

The following areas were represented under Section 25 of the Housing Act, 1936, during the year and the Council declared them to be Clearance Areas :

<i>Area.</i>	<i>Situation.</i>		<i>No. of Houses.</i>	<i>No. of Persons to be Displaced.</i>
No. 84.	18 to 21 Newmarket Street	...	4	12
No. 85.	7 to 10 Oxford Street	...	4	10
No. 86.	1, 2 and 3 West Street	...	3	17
			—	—
Total		...	11	39
			—	—

A Ministry of Health Inquiry was held and Clearance Orders were made with the exception of Area No. 84 which was excluded, the owner agreeing to convert the premises into offices when the occupiers were re-housed.

During the year 273 families, comprising 877 persons, were re-housed from Clearance Areas, and houses subject to Demolition Orders or Undertakings to close.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

MILK AND DAIRIES ACTS AND ORDER.

During the year applications for registration were received from 3 retail purveyors of milk, 4 wholesale purveyors, and 1 cowkeeper. All were granted.

At the end of the year the registers contained the names and addresses in the City of 59 persons, registered as follows :

- 2 Cowkeepers and Wholesale Purveyors.
- 7 Cowkeepers and Wholesale and Retail Purveyors.
- 7 Cowkeepers and Retail Purveyors.
- 43 Retail Purveyors.

In addition, 61 persons in the adjoining Rural Districts are registered for the sale of milk in the City as follows :

- 16 Wholesale Purveyors.
- 8 Wholesale and Retail Purveyors.
- 37 Retail Purveyors.

During the year 141 visits were paid to Cowsheds and Dairies and attention was drawn to the following matters :

Limewashing required	...	...	...	...	14
Not protecting milk from contamination	...	...	...	...	1
Not causing furniture to be thoroughly cleansed	...	...	...	...	2
Interior of vehicles not clean	...	...	...	...	1
Absence of name and address on vehicle or cans	...	...	...	...	2

Not removing dirt around flanks, udders and teats before milking	...	...	...	...	...	...	2
Carrying on trade without being registered	...	...					1

Proceedings were instituted against a Retail Purveyor of Milk for bottling milk on unregistered premises, and he was fined £1 and costs. He was also summoned for using a special designation without a licence and was fined £1 and costs.

MILK (SPECIAL DESIGNATIONS) ORDER, 1936 AND 1938.

There are two producers of “ Accredited Milk ” in the City and three retailers of “ Tuberculin Tested ” Milk produced and bottled in the Hereford Rural District. The licences are issued by the County Council.

Samples are taken quarterly from the two former and submitted to the County and City Laboratory for bacteriological examination by arrangement with the County Council.

Milk supplied to nursing and expectant mothers under the scheme approved by the Minister of Health and also that supplied to the City Isolation Hospital is “ Tuberculin Tested.”

BACTERIOLOGICAL EXAMINATION OF MILK.

Twenty samples of ordinary milk were collected and submitted to the Clinical Research Association Ltd. for complete bacteriological examination.

The following are the reports :

				<i>Presence of Bacillus Coli in</i>			<i>Tubercle Bacilli.</i>
				<i>1</i>	<i>1</i>	<i>1</i>	
<i>No. of Bacteria per c.c.</i>				<i>100 c.c.</i>	<i>1000 c.c.</i>	<i>10000 c.c.</i>	
<i>No.</i>							
1	...	16,630	...	—	—	—	—
2	...	45,330	...	+	—	—	—
3	...	36,000	...	—	—	—	
4	...	83,660	...	+	—	—	—
5	...	17,469	...	—	—	—	
6	...	211,660	...	+	+	—	+
7	...	85,000	...	+	—	—	+
8	...	143,000	...	+	—	—	—
9	...	245,000	...	+	+	—	—
10	...	125,660	...	—	—	—	—
11	...	245,000	...	+	+	—	—
12	...	325,000	...	+	+	+	—
13	...	217,500	...	+	+	—	—
14	...	141,330	...	+	+	—	—
15	...	174,660	...	+	+	—	—
16	...	63,330	...	+	+	—	—
17	...	74,000	...	+	—	—	—
18	...	86,000	...	+	+	—	—
19	...	57,000	...	+	—	—	—
20	...	46,330	...	—	—	—	—

Fifteen of the samples were taken in the streets and five in the dairies.

Nos. 1, 3, 5 and 10 were produced in the City, and copies of the reports upon the remaining samples were sent to the Medical Officer of Health for the Rural District.

Notice was given to the County Medical Officer in regard to Nos. 6 and 7 under Section 4 of the Milk and Dairies (Consolidation) Act, 1915, and in the case of No. 7 one cow was slaughtered under the Tuberculosis Order of 1938.

MEAT AND OTHER FOODS.

All slaughtering is carried out at the Public Slaughterhouse, the property of the Council and is under the control of the Markets Committee with a resident manager. The humane killer is used on all animals except pigs, which are electrically stunned.

The number of animals slaughtered during the year was : Beeves, 2,727 ; Calves, 362 ; Sheep and Lambs, 12,936 ; and Pigs, 5,276 ; Total, 21,301 as compared with 20,464 in 1938.

All meat is inspected and when necessary the opinion of the Medical Officer of Health and a Veterinary Surgeon is obtained.

The following are particulars of the carcasses inspected and condemned :

	<i>Beeves</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
Number killed	2727	362	12936	5276
Number inspected	2727	362	12936	5276
<i>All diseases except Tuberculosis :—</i>				
Whole carcasses condemned	1	3	13	13
Carcasses of which some part or organ was condemned	40	1	16	23
Percentage of the number inspected affected with disease other than tuberculosis... ..	1.5%	1.1%	.224%	.682%
<i>Tuberculosis only :—</i>				
Whole carcasses condemned	3	1	—	4
Carcasses of which some part or organ was condemned	3	1	—	254
Percentage of the number inspected affected with tuberculosis... ..	.22%	.55%	—	4.89%

Additional particulars as to diseased or unsound conditions found are as follows, and in all cases the carcasses or portions were surrendered and destroyed at the Destructor :

BEEVES.

Tuberculosis	...	...	...	...	6
Abscesses	...	...	...	...	17
Distomatosis	...	...	...	...	8
Echinococcus Cysts	...	...	...	...	5
Inflammation	...	...	...	...	3
Injury	...	...	...	...	4
Nephritis	...	...	...	...	1
Pleurisy	...	...	...	...	3

(Amount condemned, 4,463 lbs.)

CALVES.

Tuberculosis	...	...	...	...	2
Abscesses	...	...	...	...	1
Enteritis	...	...	...	...	1
Fevered	...	...	...	...	1
Nephritis	...	...	...	...	1

(Amount condemned, 333 lbs.)

SHEEP AND LAMBS.

Distomatosis	...	...	...	...	4
Dropsy	...	...	...	...	5
Emaciation	...	...	...	...	1
Hydatid Cysts	...	...	...	...	6
Hydraemia	...	...	...	...	2
Injury	...	...	...	...	4
Pleurisy	...	...	...	...	3
Pneumonia	...	...	...	...	3
Pyæmia	...	...	...	...	1

(Amount condemned, 665 lbs.)

PIGS.

Tuberculosis	...	...	...	...	258
Cirrhosis	...	...	...	...	1
Erysipelas	...	...	...	...	2
Injury	...	...	...	...	13
Moribund	...	...	...	...	1
Nephritis	...	...	...	...	5
Pleurisy	...	...	...	...	9
Pneumonia	...	...	...	...	1
Pyæmia	...	...	...	...	2
Swine Fever	...	...	...	...	2

(Amount condemned, 5,574 lbs.)

In addition, the carcasses of 2 sheep weighing 100 lbs., 72 lbs. of imported beef, 40 lbs. of sausages, 24 lbs. of cheese, 44 lbs. of frozen eggs, 6 rabbits, 50 grouse, and 82 stone of various kinds of fish were voluntarily surrendered and destroyed.

All shops, stalls and premises where food is sold, prepared, or deposited are under frequent observation. The cleanliness of vehicles conveying meat is rigidly enforced.

Proceedings were taken under the Food and Drugs Act, 1938, for exposing for sale the carcase and organs of a rabbit which was unfit for consumption and a fine of £1 was inflicted.

SLAUGHTER OF ANIMALS ACT, 1933.

During the year 52 annual licences to slaughter or stun animals in a Slaughterhouse or Knacker's Yard, were renewed and 5 new licences were granted.

BAKEHOUSES.

Forty-seven visits were paid to the 29 bakehouses in the City and it was found necessary to draw attention to the necessity of limewashing in 11 instances. In addition, new glazed sinks were provided in 2 bakehouses, and general repairs and improved ventilation in another.

FOOD AND DRUGS (ADULTERATION) ACT, 1928.

FOOD AND DRUGS ACT, 1938.

The following table shows the number and nature of the articles submitted to the Public Analyst during the year ending the 31st December, 1939, and the result of the analysis :—

ARTICLE.	Number Submitted.		Number Genuine.		Number Adulterated	
	Formal.	Informal.	Formal.	Informal.	Formal.	Informal.
Milk	13	22	11	19	2	3
Condensed Milk	5	...	5	...	...
Cream...	6	...	6	...	...
Butter	1	6	1	6	...	...
Margarine	5	...	5	...	...
Lard	3	...	3	...	...
Dripping	1	...	1	...	...
Rice	1	...	1	...	...
Ground Rice	1	...	1	...	...
Coffee	1	...	1	...	...
Pepper	1	...	1	...	...
Jam	1	...	1	...	...
Mincemeat	1	...	1	...	...
Pork Pie	1	...	1	...	...
Castor Oil	1	...	1	...	...
Cod Liver Oil	1	...	1	...	...
Friar's Balsam	1	...	1	...	...
Am. Tinct. of Quinine	...	1	...	1	...	...
TOTALS	14	59	12	56	2	3
	73		68		5	

OBSERVATIONS.

MILK.—All the samples were free from preservatives and artificial colouring matters.

The average composition of the samples was :—

	Quarter ending.			
	March.	June.	September.	December
Solids not Fat (8.5%)	8.63	8.78	8.92	8.88
Fat (3.0%)	3.23	3.97	3.52	4.12

The legal limit is shown in parenthesis.

Three of the informal samples were adulterated, two being deficient of 6 per cent. and 20 per cent. of fat respectively, and one contained 8.2 per cent. of added water and was also deficient of 27 per cent. of fat.

Formal samples were taken and one contained 11.7 per

cent. of added water. A prosecution followed and the vendor was fined £3 and costs. The deficiency in the other cases was due to insufficient stirring of the milk and the vendors were cautioned.

CONDENSED MILK.—All the samples were found to comply with the Public Health (Condensed Milk) Regulations, 1923 and 1927 as to labelling and to contain the equivalent pints of milk as stated on the label.

CREAM.—The samples were genuine and free from preservatives, colouring and thickening substances.

BUTTER AND MARGARINE.—The samples were free from preservatives and the moisture content was below the legal limit of 16 per cent.

Written cautions were sent to 4 tradesmen for failing to label Margarine exposed for sale by retail as required by the Act.

MERCHANDISE MARKS ACT, 1926.

104 visits were paid to shopkeepers and traders to see if the Orders requiring imported foodstuffs to be marked with an indication of origin were being complied with.

Written cautions to first offenders were sent in 12 cases for failing to mark imported raw tomatoes (4), salmon (3), sultanas (2), and 1 each of apples, currants, and meat.

PUBLIC HEALTH (CONDENSED MILK) REGULATIONS, 1923 AND 1927.

Three samples of Condensed Machine-skimmed Milk, and two of Condensed Full Cream Milk were submitted for analysis during the year, and in each case they complied with the Regulations as to labelling and contents.

PUBLIC HEALTH (DRIED MILK) REGULATIONS, 1923 AND 1927.

PUBLIC HEALTH (PRESERVATIVES, ETC., IN FOOD) REGULATIONS, 1925 TO 1927.

No action has been found necessary under these Regulations.

All samples of food submitted to the Public Analyst are examined for the presence of preservatives. None were found in the cases of milk, cream, butter, margarine, pork pie, or mincemeat.

CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

Chemical analyses are carried out by the City Analyst, Mr. W. T. Rigby, F.I.C., of Birmingham, and Bacteriological examinations of milk by the Clinical Research Association, Ltd., of London, and the County Bacteriological and Biological Laboratory.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The scheme made under section 63 of the Local Government Act, 1929, has not yet been implemented, and the Hospital accommodation available for dealing with Infectious Diseases remains inadequate for the growing needs of the area and handicaps efforts for the efficient control of Infectious Disease. The question of isolation hospital accommodation has now been under the consideration of the Authority since June, 1928.

SCARLET FEVER.

This disease continued to be prevalent during the year. One hundred and ninety-nine cases were notified. With the exception of an outbreak in a girls' home, the cases were distributed in all parts of the City. Following the occurrence of three cases in one class in an Elementary School, throat brushings of all the children in that class were examined for the presence of haemolytic streptococci, and those who gave a positive result were excluded from school until they gave two negative results. This seemed to check the further spread: but similar results were not obtained in the case of the outbreak in the girls' home, and cases seemed to occur until all the susceptible material was used up. It was not possible to offer hospital accommodation to all the cases, but there was no evidence that the spread of infection was increased from cases isolated in their homes under suitable conditions.

DIPHTHERIA.

Sixty-seven cases of Diphtheria were notified. The type of the disease was of moderate severity. There were three deaths. Several cases were associated with a junior school in the City. Frequent visits were made to follow up contacts and visits were paid to the homes of children whose absence from school was unaccounted for, but no missed cases were found. Routine throat swabbing of the whole school gave a completely negative result. About the time of the outbreak in this school certain necessary works of reconstruction were being carried out during the week-ends, and this may have made the atmosphere dusty and irritating to the children's throats.

A scheme for immunisation of children up to the age of 14 years against Diphtheria was approved and the work will be commenced early in 1940.

It is still the exception for patients to be sent to Hospital after they have had antitoxin. In many cases the practitioners delay the injection of antitoxin until the diagnosis is confirmed bacteriologically.

ERYSIPELAS.

Nine cases of this disease were notified. The increased incidence of the disease was no doubt associated with the high incidence of Scarlet Fever and also with the high incidence of Impetigo Contagiosa amongst the school children during the latter half of the year.

MEASLES AND WHOOPING COUGH.

These diseases were made notifiable under regulations made in October. Up to the end of the year nine cases of Measles were notified.

German Measles was prevalent in the City during the latter half of the year.

There were no cases of Enteric Fever, Small Pox, Poliomyelitis, Encephalitis lethargica, Cerebro Spinal Fever, Malaria, and Dysentery.

PATHOLOGICAL EXAMINATIONS.

The following table gives a summary of the work done for the City at the County and City Laboratory during the year :

			<i>Positive.</i>	<i>Negative.</i>	<i>Total.</i>
Nose and Throat swabs for Diphtheria					
Baccilli (K.L.B.)	...	...	271	997	1268
Throat swabs for Haemolytic Streptococci	...	...	34	107	141
For Enteric Fevers :					
Blood	...	...	6	11	17
Faeces	...	...	—	9	9
Urine	...	...	—	6	6
Sputa for Tubercle Bacilli	...	...	24	108	132
Eye swabs for :					
Xerosis Bacilli	...	...	1	—	1
Staphylococci	...	...	1	—	1
G.C.	...	...	1	2	3
Swabs for :					
Vincent's organisms	...	...	3	1	4
Staphylococci	...	...	2	—	2
Streptococci	...	...	2	—	2
Slides for :					
G.C.	...	...	1	1	2
Staphylococci	...	...	1	—	1

Hairs for Ringworm	...	...	...	1	2	3
Faeces for Tubercle Bacilli	...	...	...	—	1	1
Milk for : Red Blood Cells	...	...	...	1	—	1
Pus	...	...	...	1	—	1
Streptococci	...	...	...	1	—	1
Cream for : Tubercle Bacilli	...	...	...	—	1	1
Streptococci	...	...	...	1	—	1
Salmonella Group	...	...	...	1	—	1
ganisms	...	...	...	1	—	1
B. Coli	...	...	...	1	—	1
Urine for : Albumen	...	...	...	1	2	3
Pus	...	...	...	2	—	2
Red Blood Cells	...	...	...	2	—	2
Casts	...	...	...	—	1	1
B. Coli	...	...	...	8	1	9
Water for B. Coli	...	...	...	1	—	1
Fowl, Carcase and Organs, for Tubercle	...	...	...	1	—	1
Bacilli...	...	...	...	1	—	1
				<hr/> 369	<hr/> 1250	<hr/> 1619

Specimens sent to Birmingham University :

Swabs for K.L.B. (Virulence Test)	2	11	13
-----------------------------------	---	----	----

DISINFECTION.

The following are particulars of disinfection of rooms and bedding after infectious or other disease :—

					<i>Rooms.</i>	<i>Bedding.</i>
Scarlet Fever	...	...	...	...	175	173
Diphtheria	...	...	...	...	64	65
Tuberculosis	...	...	...	...	8	4
Non-notifiable Disease	...	...	...	...	8	8
					<hr/>	<hr/>
Total	...	...	...	...	255	250
					<hr/>	<hr/>

In addition 19 Hospital Wards, 2 Schools, 1 Office, 4 Tuberculosis Shelters and a quantity of School Books were disinfected.

17 lots of bedding, 78 Public Library Books, 32 Private Circulating Library Books and 1 School Book were destroyed.

Disinfecting fluid is supplied in bottles, labelled with directions for use, to houses where infectious disease has occurred and is also supplied for use at the Elementary Schools.

The following table shows the incidence of infectious disease in the three wards of the City :—

			<i>Ledbury.</i>	<i>Leominster.</i>	<i>Monmouth.</i>
Scarlet Fever	...		37	68	94
Diphtheria	...	...	11	14	42
Pneumonia	...	...	6	2	6
Erysipelas	...	...	3	4	2
Puerperal Pyrexia	...		6	3	3
Measles	...	...	3	3	3

PREVENTION OF BLINDNESS.

No action has been taken under Section 176 of the Public Health Act, 1936.

TUBERCULOSIS.

No action was necessary during the year under the Public Health (Prevention of Tuberculosis) Regulations, 1925 (relating to persons suffering from Pulmonary Tuberculosis employed in the Milk Trade), or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to Hospital of persons suffering from Tuberculosis).

NEW CASES AND MORTALITY DURING 1939.

<i>Age Periods.</i>				<i>New Cases.</i>				<i>Deaths.</i>			
				<i>Respiratory</i>		<i>Non-Respiratory</i>		<i>Respiratory</i>		<i>Non-Respiratory</i>	
				M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	...	...	...	—	—	—	—	—	—	—	—
1-5 years	...	...	...	—	—	—	—	—	—	—	—
5-15 years	...	...	...	—	—	1	4	—	—	—	—
15-25 years	...	...	...	3	4	3	3	2	1	—	—
25-35 years	...	...	...	2	5	—	—	—	1	—	—
35-45 years	...	...	...	2	3	1	—	2	—	—	—
45-55 years	...	...	...	3	2	—	1	2	1	—	—
55-65 years	...	...	...	1	1	—	—	2	—	—	—
65 and upwards	...	...	...	—	—	—	—	—	—	—	—
Totals	...	...	...	11	15	5	8	8	3	—	—

OPHTHALMIA NEONATORUM.

<i>Cases.</i>			<i>Vision Unimpaired.</i>	<i>Vision Impaired.</i>	<i>Total Blindness.</i>	<i>Deaths.</i>
<i>Notified.</i>	<i>Treated.</i>					
	<i>At Home.</i>	<i>In Hospital.</i>				
5	3	2	5	—	—	—

**LOCAL GOVERNMENT AND OTHER OFFICERS'
SUPERANNUATION ACT, 1922.**

10 candidates, 9 males and 1 female were examined by the Medical Officer of Health for office under the Corporation and were passed as fit.

NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING 1939.

DISEASE	TOTAL CASES NOTIFIED.													CASES ADMITTED TO HOSPITAL.													TOTAL DEATHS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Under 1 year.	1-2 years.	2-3 years.	3-4 years.	4-5 years.	5-10 years.	10-15 years.	15-20 years.	20-35 years.	35-45 years.	45-65 years.	65 and over.	Total.	Under 1 year.	1-2 years.	2-3 years.	3-4 years.	4-5 years.	5-10 years.	10-15 years.	15-20 years.	20-35 years.	35-45 years.	45-65 years.	65 and over.	Total.	Under 1 year.	1-2 years.	2-3 years.	3-4 years.	4-5 years.	5-10 years.	10-15 years.	15-20 years.	20-35 years.	35-45 years.	45-65 years.	65 and over.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Scarlet Fever	...	1	2	12	17	16	8	4	31	12	14	8	2	...	199	1	1	7	9	12	47	22	11	9	6	...	125</

LEGAL PROCEEDINGS.

No. of Summonses.	Statute under which Proceedings were instituted.	Offence.	Fines.			Costs.			Remarks.
			£	s.	d.	£	s.	d.	
1.	Milk and Dairies Order, 1926	Filling and closing bottles of milk on unregistered premises ...	1	0	0	—	5	0	
1.	Milk and Dairies (Amendment) Act, 1922 ...	Using a special designation to milk without a licence ...	1	0	0	—	5	0	
1.	Food and Drugs (Adulteration) Act, 1928 ...	Selling milk containing 11.7 per cent. of extraneous water ...	3	0	0	—	10	6	
1.	Public Health Act, 1936 ...	Chimney emitting smoke in such quan- tity as to be a nuisance ...	—	—	—	—	—	—	Order made to execute any work within 9 months necessary to prevent a recurrence
1.	Housing Act, 1936 ...	Failing to vacate a house on which a Clearance Order was operative ...	—	—	—	—	—	—	Warrant for ejectment issued.
1.	Food and Drugs Act, 1938 ...	Exposing for sale the carcase and organs of a fowl unfit for human con- sumption ...	1	0	0	—	—	—	

DEATHS OF RESIDENTS

CAUSE OF DEATH.						0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10
1.	Typhoid fever	...	...	...	...	...	...	...	...	...	...
2.	Measles	...	...	...	...	...	...	...	...	...	...
3.	Scarlet fever	...	...	...	...	...	...	...	...	...	...
4.	Whooping cough	...	...	...	...	...	...	...	...	...	...
5.	Diphtheria	...	...	...	...	...	...	1	...	...	...
6.	Influenza	...	...	...	...	...	...	...	...	...	...
7.	Encephalitis	...	...	...	...	...	...	...	...	...	...
8.	Cerebro-meningitis	...	...	...	...	...	...	...	...	...	...
9.	Pulmonary tuberculosis	...	...	...	...	...	...	...	...	...	...
10.	Other forms tuberculosis	...	...	...	...	...	...	...	...	...	...
11.	Syphilis	...	...	...	...	...	...	...	...	...	...
12.	General paralysis of the insane	...	...	...	...	...	...	...	...	...	...
13.	Cancer—										
	Alimentary System	...	...	...	...	...	...	...	...	...	...
	Breast	...	...	...	...	...	...	...	...	...	...
	Genito urinary System	...	...	...	...	...	...	...	...	...	...
	Liver	...	...	...	...	...	...	...	...	...	...
	Lung	...	...	...	...	...	...	...	...	...	...
	Tongue	...	...	...	...	...	...	...	...	...	...
	Throat	...	...	...	...	...	...	...	...	...	...
14.	Diabetes	...	...	...	...	...	...	...	...	...	...
15.	Cerebral Haemorrhage	...	...	...	...	...	...	...	...	...	...
16.	Heart disease	...	...	...	...	...	...	...	...	...	...
17.	Aneurysm	...	...	...	...	...	...	...	...	...	...
18.	Other circulatory diseases	...	...	...	...	...	...	...	...	...	...
19.	Bronchitis	...	...	...	...	...	...	...	...	...	...
20.	Pneumonia, all forms	...	...	...	...	3	...	...	...	...	...
21.	Other respiratory diseases	...	...	...	...	...	...	...	...	...	...
22.	Peptic Ulcer	...	...	...	...	...	...	...	...	...	...
23.	Diarrhoea (under 2 years)	...	...	...	...	1	...	...	...	...	...
24.	Appendicitis	...	...	...	...	...	...	...	...	...	...
25.	Cirrhosis of liver	...	...	...	...	...	...	...	...	...	...
26.	Other diseases of the liver	...	...	...	...	...	...	...	...	...	...
27.	Other digestive diseases	...	...	...	...	...	...	...	...	...	...
28.	Acute and chronic nephritis	...	...	...	...	...	...	...	...	...	...
29.	Puerperal Sepsis	...	...	...	...	...	...	...	...	...	...
30.	Other diseases of pregnancy	...	...	...	...	...	...	...	...	...	...
31.	Congenital debility	...	...	...	...	12	...	...	...	...	...
32.	Senility	...	...	...	...	...	...	...	...	...	...
33.	Suicide	...	...	...	...	...	...	...	...	...	...
34.	Other violence	...	...	...	...	1	1	1	...	...	...
35.	Other defined causes	...	...	...	...	...	...	...	1	...	...
TOTALS						17	1	2	1	...	...

REFORD.

FROM ALL CAUSES, 1939.

S IN YEARS.

WARDS.

	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and Up	TOTALS.			Ledbury	Leominster	Monmouth
										M.	F.	Tl.			
...
...
...
...
1	2	1	3	...	1	2
...	1	...	...	...	1	...	1	...	...	1
...	1	...	...	...	...	...	1	1	...	1	...
...
...	2	1	2	1	5	3	...	...	...	10	4	14	5	4	5
...
...
...
...	1	...	...	...	1	2	5	4	...	5	8	13	3	6	4
...	1	1	...	...	1	...	...	3	3	2	...	1
...	1	3	3	1	...	...	2	6	8	2	4	2
...	1	...	...	...	...	...	1	1	...	1	...
...	1	...	1	...	1	1	2	...	1	1
...	1	...	...	...	1	1	...	...	1
...	2	1	2	2	1	...	5	3	8	2	3	3
...	1	...	...	...	1	2	1	2	3	5	1	2	2
...	1	6	5	10	10	5	18	19	37	10	10	17
...	3	...	11	12	42	26	...	38	56	94	40	41	13
...	1	1	...	...	1	1	2	1	1	...
...	1	1	3	4	5	1	...	11	4	15	6	5	4
...	1	...	1	...	1	1	2	...	2	...
...	1	2	4	1	4	...	11	4	15	6	4	5
...	1	...	...	2	1	...	2	2	4	2	2	...
...	1	...	...	1	...	1	1	...	...
...	1	...	1	1	...	...
1	1	...	1	...	1	...
...	1	...	...	1	...	1	...	1	...
...	1	...	...	...	1	...	1	...	1	...
...	1	...	1	1	...	4	...	4	2	1	1
...	1	2	12	5	1	2	13	10	23	12	5	6
...	2	...	...	...	...
...	...	2	...	...	...	...	...	...	...	...	2	2	1	1	...
...	10	2	12	3	4	5
...	5	6	6	5	11	3	6	2
...	1	...	2	...	...	...	1	2	3	2	...	1
1	1	1	1	1	1	2	1	7	7	14	4	4	6
...	1	1	1	2	2	1	14	1	...	13	12	25	6	7	12
...
3	4	4	9	14	41	56	94	62	15	169	159	328	115	119	94

Report of the
School Medical Officer
for 1939.

Education Committee :

Councillor H. P. BARNSELY (Mayor and Chairman).
Councillor J. H. E. CREES, Councillor A. HUDSON DAVIES.
Lit.D. Councillor J. V. SHAW, M.B.,
Councillor W. H. GREEN. Ch.B.
Councillor The Revd. L. J. B. Councillor T. O. D. STEEL.
SNELL. Councillor S. A. WRIGHT.

Nominated Members :

The Very Revd. THE DEAN. The Revd. T. B. MINNEY.
MRS. D. W. HARRIS.

Care Committee :

Councillor H. P. BARNSELY (Mayor).
Councillor J. V. SHAW, M.B., Ch.B. (Chairman).
Councillor W. H. GREEN. Mrs. W. G. C. BRITTEN.
Councillor T. O. D. STEEL. Miss M. BULL.
Councillor The Revd. L. J. B. Mrs. J. H. E. CREES.
SNELL. Mrs. D. W. HARRIS.
The Revd. T. B. MINNEY. Mrs. H. R. MINES.
Mrs. W. AINSLIE. Mrs. LEWIS SMITH.

A. P. WHITEHEAD, M.C., B.A., Director of Education.

School Medical Department :

School Medical Officer : A. MIDDLETON BROWN, M.A., M.D.,
D.P.H.

School Dental Officer : QUINTIN MILLER, L.D.S., R.C.S. (Eng.).

Eye Surgeon : H. W. BARNES, M.R.C.S., L.R.C.P.

School Nurses : Miss M. M. SCOURFIELD, S.R.N., C.M.B.

Miss E. M. TARBUTT, S.R.N., Cert. R.S.I. and
C.M.B.

Miss E. M. NORMAN, S.R.N., C.M.B., Cert. R.S.I.

School Attendance Officer : G. W. HERBERT.

Record Clerk : Miss D. BURN.

Annual Report for the Year 1939.

(1) **STAFF.**

There have been no changes in the staff during the year.

(2) **CO-ORDINATION.**

There is complete co-ordination between the School Medical Service and the Public Health Service as the majority of the officers concerned have duties in both departments.

THE SCHOOL MEDICAL SERVICE IN RELATION TO PUBLIC ELEMENTARY SCHOOLS.

(3) **SCHOOL HYGIENE.**

(a) **Accommodation.** The following table furnished by the Director of Education shows the total number of children on the registers at December, 1939, and the approved accommodation in the schools :—

<i>School.</i>					<i>No. on Register.</i>	<i>Places.</i>
Roman Catholic	...	...	...	...	312	345
All Saints'	...	...	...	...	116	245
Blue Coat	...	...	...	...	169	320
Holmer Infants'	...	...	...	...	140	200
Holmer C. of E.	...	...	...	...	280	281
Lord Scudamore Boys'	...	...	...	...	354	360
Lord Scudamore Girls'	...	...	...	...	341	360
Lord Scudamore Juniors'	...	...	...	...	213	300
St. James' C. of E.	...	...	...	...	120	250
St. Martin's Council	...	...	...	...	357	450
St. Owen's Council	...	...	...	...	365	390
St. Peter's Council	...	...	...	...	177	236
Tupsley C. of E.	...	...	...	...	222	214
					<hr/> 3166	<hr/> 3951

This figure does not include 135 evacuees from Birmingham distributed as under :—

All Saints'	...	...	...	...	26
Lord Scudamore Boys'	...	...	...	...	22
Lord Scudamore Girls'	...	...	...	...	15
Lord Scudamore Juniors'	...	...	...	...	12
St. James' C. of E.	...	...	...	...	1
St. Martin's Council	...	...	...	...	33
St. Owen's Council	...	...	...	...	26
					<hr/> 135

There is considerable excess of places over the number on registers. In Tupsley school only is the number of places below the number on register.

The new Infants and Juniors Mixed School at St. Martin's with accommodation for 450 children was opened on the 10th July by Mr. Kenneth M. Lindsay, M.P., Parliamentary Secretary to the Board of Education. Provision is made for extension of the school to accommodate a total of 600 children should the need arise. The school is built on up-to-date lines and a properly equipped Medical Inspection Room and waiting room are provided.

The Holmer Mixed and Holmer Infants schools were required for National Service during the last four months of the year and accommodation was provided for at the Garden City Institute and St. Barnabas Church Room for the Mixed school and at the Westfields Adult school and the Skittle Alley of the Golden Lion Inn, Grandstand Road, for the Infants school.

(b) **Heating and Ventilation.** This has been generally satisfactory throughout the year. Attention was drawn to the low temperatures recorded in the Hut at Lord Scudamore Girls' school during December.

(4) **MEDICAL INSPECTION.**

The Inspection of the usual three age groups was completed during the year at all the schools except Holmer Infants. This school was accommodated in temporary premises after the outbreak of war and there were no facilities for the autumn inspection. The usual spring and summer inspections were carried out.

During 1939 the number of children submitted to Routine Medical Inspection was :—

				<i>Entrants.</i>	<i>Intermediates.</i>	<i>Leavers.</i>	<i>Total.</i>
Boys	...	...	...	176	154	132	462
Girls	...	...	...	147	140	176	463
				<hr/> 323	<hr/> 294	<hr/> 308	<hr/> 925

The figures for 1938 were : Entrants, 312 ; Intermediates, 352 ; Leavers, 313 ; Total 977.

In addition, 34 other children were inspected as routine cases. There were 1,580 special inspections and re-inspections.

(5) **FINDINGS OF MEDICAL INSPECTION.**

(a) **Nutrition.** The general nutrition of the children remains good. The children inspected up to the end of August show no substantial change in their nutrition as compared with last year, as will be seen in Table II at the end of this report. There was

no evidence of deterioration in the nourishment of the Hereford children inspected during the subsequent four months.

The following table showing the heights and weights of certain groups shows only slight variations of an inch or less in height. All the age groups are heavier except the eight-year-old boys who are one fifth of a pound lighter :—

HEIGHT.

<i>Age in Years.</i>	<i>No. examined.</i>		<i>Average height in inches.</i>	
	BOYS.	GIRLS.	BOYS.	GIRLS.
5	168	141	42.2	42.4
8	154	140	48.6	48.8
12	127	172	57.9	57.0

WEIGHT.

<i>Age in Years.</i>	<i>No. examined.</i>		<i>Average weight in pounds.</i>	
	BOYS.	GIRLS.	BOYS.	GIRLS.
5	168	141	42.6	41.7
8	154	140	56.7	54.6
12	124	172	79.4	80.5

(b) **Cleanliness.** The following table show the results of the first examination during the year of the children's heads :—

SCHOOL.				BAD.		MODERATE.		SLIGHT.	
				Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
				%	%	%	%	%	%
All Saints (Infants)	...	...	...	Nil	Nil	Nil	6.0	3.9	9.0
Blue Coat (Girls)	...	...	...	—	1.6	—	2.0	—	13.0
Holmer (Mixed)	...	...	...	Nil	Nil	Nil	Nil	0.8	1.7
Holmer (Infants)	...	...	...	Nil	Nil	Nil	3.0	Nil	1.0
Roman Catholic (Mixed)	...	...	...	0.9	3.7	Nil	1.4	5.0	14.0
Scudamore (Boys)	...	...	...	Nil	—	Nil	—	Nil	—
Scudamore (Girls)	...	...	...	—	Nil	—	0.3	—	1.2
Scudamore (Juniors)	...	...	...	Nil	Nil	2.0	2.6	Nil	6.5
St. James' (Infants)	...	...	...	Nil	Nil	1.7	1.0	5.0	8.0
St. Martin's (Infants)	...	...	...	4.0	4.0	Nil	Nil	5.0	14.0
St. Owen's (Boys)	...	...	...	2.2	—	0.3	—	0.3	—
St. Peter's (Girls)	...	...	...	—	1.6	—	3.8	—	12.0
Tupsley (Mixed)	...	...	...	Nil	1.0	Nil	Nil	Nil	3.0

There is again improvement in the cleanliness of the children as compared with the similar table for 1938.

(c) **Clothing and Footgear.** This is generally satisfactory, but there are still too many girls with insufficient clothing on the lower limbs during cold weather.

(d) **Defects found at Medical Inspection.** The following table shows the defects found at Routine and Special Inspections excluding malnutrition, uncleanness and dental defects :—

TABLE OF DEFECTS FOUND AT ROUTINE AND SPECIAL INSPECTIONS DURING 1939, EXCLUDING MALNUTRITION, UNCLEANLINESS AND DENTAL DEFECTS.

DEFECT OR DISEASE.				Routine Inspections.		Special Inspections.	
				No. of Defects.		No. of Defects.	
				Requir- ing Treat- ment.	Requiring Observa- tion.	Requir- ing Treat- ment.	Requiring Observa- tion.
Skin	{	Ringworm (Scalp) ...	—	—	—	—	
		„ (Body) ...	—	—	1	—	
		Scabies	1	—	23	—	
		Impetigo	3	—	98	—	
		Other Diseases (Non-tuberculous	3	2	—	1	
Eye	{	Blepharitis	—	2	82	—	
		Conjunctivitis	—	—	—	1	
		Keratitis	—	—	—	—	
		Corneal Opacities ...	1	—	—	—	
		Defective Vision (exclud- ing Squint)	20	7	3	—	
		Squint	12	—	2	1	
Ear	{	Other Conditions ...	1	1	—	—	
		Defective Hearing ...	—	4	—	1	
		Otitis Media	5	7	—	—	
Nose and Throat	{	Other Ear Diseases ...	1	2	67	—	
		Enlarged Tonsils only ...	10	29	—	—	
		Adenoids only	—	2	—	—	
		Enlarged Tonsils and Adenoids	45	66	2	3	
Enlarged Cervical Glands (Non- tuberculous)	{	Other Conditions ...	3	5	—	—	
			7	111	—	3	
Defective Speech		4	5	—	—		
Heart and Circu- lation	{	Heart Disease :					
		Organic	4	6	—	—	
		Functional	—	2	—	—	
Lungs	{	Anaemia	—	14	—	1	
			4	9	1	—	
			—	—	1	—	

DEFECT OR DISEASE.				Routine Inspections.		Special Inspections.	
				No. of Defects.		No. of Defects.	
				Requir- ing Treat- ment.	Requiring Observa- tion.	Requir- ing Treat- ment.	Requiring Observa- tion.
Tuber- culosis	{	Pulmonary :					
		Definite ...	—	—	—	—	
		Suspected ...	—	—	—	—	
		Non-pulmonary :					
		Glands ...	1	—	—	—	
		Spine ...	—	—	—	—	
		Hip ...	—	—	—	—	
		Other joints and bones ...	—	—	—	—	
Ner- vous System	{	Skin ...	—	—	—	—	
		Other forms ...	—	—	—	—	
		Epilepsy ...	—	1	—	—	
Defor- mities	{	Chorea ...	—	—	—	—	
		Other conditions ...	—	—	—	—	
		Rickets ...	—	3	—	—	
Other defects and diseases	{	Spinal Curvature ...	—	1	—	—	
		Other forms ...	—	—	1	2	
		TOTALS ...	2	—	1306	—	
				127	279	1587	13

There was a large increase in the number of cases of impetigo or contagious sores particularly during the last three months of the year.

(6) FOLLOWING UP.

There has been no change in the arrangements. During the year 1,497 visits were paid to the homes of the children by the school nurses.

(7) ARRANGEMENTS FOR TREATMENT.

The treatment of Minor Ailments, Visual Defects, Ear and Throat Defects and Dental Defects and Postural Defects is referred to in tables IV and V.

TUBERCULOSIS.

Five cases of non-pulmonary Tuberculosis were notified during the year among school children—4 cases of Adenitis of the Neck and one case of Tuberculosis of the Hip Joint. Three girls were admitted to the County Sanatorium and seven children—4 boys and 3 girls—were admitted for observation.

(8) INFECTIOUS DISEASES.

(a) **Notifiable.** The incidence of both Scarlet Fever and Diphtheria was high during the year.

Scarlet Fever	44 boys and 51 girls.
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Diphtheria	17 boys and 25 girls.
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In addition, there were 4 cases of Scarlet Fever amongst evacuee children.

Measles became notifiable on 1st November and since then six cases have been notified amongst school children—5 boys and 1 girl.

(b) **Non-notifiable.** Measles was very prevalent during the summer months and 239 cases were brought to the notice of the Authority before notification became compulsory: 14 cases of Chicken Pox, 3 cases of Mumps and 2 cases of Whooping Cough were reported.

Scudamore Junior Mixed School and St. James' School were closed for 14 days ending 21st July on account of the prevalence of Measles.

Of 925 children presented for Routine Medical Inspection, 649 were unvaccinated against smallpox.

(10) PHYSICAL TRAINING.

There has been no change in this during the year.

Following instruction in swimming and life-saving given at the Corporation Baths, 263 girls and 207 boys gained certificates of proficiency. In addition, 59 certificates and 20 medallions were awarded to girls for proficiency in life-saving.

No joint athletic meeting was held in 1939.

(11) PROVISION OF MEALS, ETC.

A supply of milk is available at the schools and only milk of Accredited standard is approved by the School Medical Officer. During the year 74 children: 33 boys and 41 girls were recommended by the Medical Officer for free milk. At the end of December 309 children were receiving free milk and 1,437 were receiving milk on payment.

Facilities are available at two centres for the issue of milk on Saturdays and Sundays for the 309 children referred to above, and it is disappointing to record that an average of only 31 children attended on these days.

(12) CO-OPERATION WITH PARENTS, ETC.

Close co-operation continues to be maintained with the teachers and all others interested in the welfare of the children and I wish to thank all those who have given valuable assistance in the work of the department.

(13) **BLIND, DEAF, DEFECTIVE AND EPILEPTIC CHILDREN.**

During the year the following children were placed in institutions:—one deaf girl; one epileptic boy; one mentally defective boy; and with the consent of the Home Office one mentally defective girl was sent to a special school.

(14) **NURSERY SCHOOLS.**

Up to the outbreak of war three infant departments admitted children under school age to special nursery classes. Since the outbreak of war no child under the age of 5 years has been admitted to the schools.

(15) **PAYMENTS BY PARENTS.**

There has been no change in this during the year.

(16) **HEALTH EDUCATION.**

During May Fair week a Dental Display was given at all the schools organised by the Dental Board of the United Kingdom.

(17) **MISCELLANEOUS MATTERS.**

During the year 37 applications were made for Medical Certificates to allow children to be employed before school hours. Thirty certificates were granted. The practice of employing children before school has nothing to recommend it as a child employed before coming to school is under a severe handicap as compared with his fellows who come straight to school from home. Most of the children so employed deliver newspapers, but as news is now broadcast late in the evening the necessity for having a newspaper on the breakfast table is not urgent.

Confidential Health Reports on 188 boys and 200 girls about to leave school were furnished to the Juvenile Employment Bureau.

EVACUATED CHILDREN.

451 Elementary school children were received in the City on the outbreak of war but by December this figure had fallen to 135. As far as possible the school medical service was made available for these children. The services of Dr. H. Sainsbury, an Assistant Medical Officer, from the Birmingham Authority was put at the disposal of the Authority for one half-day a week during November and December, and I wish to put on record my appreciation of his work in the City.

Since the outbreak of war, the Minor Ailment Clinic was made available for evacuated children attending the City Secondary Schools.

TABLE I.

MEDICAL INSPECTIONS OF CHILDREN ATTENDING
PUBLIC ELEMENTARY SCHOOLS.

A.—Routine Medical Inspections.

NUMBER OF INSPECTIONS IN THE PRESCRIBED GROUPS.

Entrants	...	...	...	...	...	323
Second Age Group	...	...	...	...	...	294
Third Age Group	...	...	...	...	...	308
Total	...	...	...	...	...	925
Number of other Routine Inspections	...	...	...	...	...	34
Grand Total	...	...	...	...	...	959

B.—Other Inspections.

Number of Special Inspections and Re-Inspections	1580
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TABLE II.

B. CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED
DURING THE YEAR IN THE ROUTINE AGE GROUPS UP TO 31ST
AUGUST, 1939.

Age-groups	Number of Children Inspected	A (Ex- cellent)		B (Normal)		C (Slightly sub- normal)		D (Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants	200	1	.5	195	97.5	4	2.0	—	—
Second Age-group ...	93	1	1	84	90.3	8	8.0	—	—
Third Age-group ...	132	2	1.5	118	89.4	11	8.3	1	.7
Other Routine Inspections	18	—	—	17	94.	1	6.0	—	—
TOTAL	443	4	.9	414	93.4	24	5.4	1	.2

TABLE IV.
TREATMENT TABLES.

GROUP I.—MINOR AILMENTS (excluding Uncleanliness, for which see Table VI).

<i>Disease or Defect.</i> (1)	Number of Defects treated, or under treatment during the year.		
	<i>Under the Authority's Scheme.</i> (2)	<i>Otherwise.</i> (3)	<i>Total.</i> (4)
SKIN—			
Ringworm—Scalp.			
(i) X-Ray Treatment	—	—	—
(ii) Other „	—	—	—
Ringworm-Body	1	—	1
Scabies	23	—	23
Impetigo	98	—	98
Other skin disease	260	—	260
MINOR EYE DEFECTS.			
(External and other, but excluding cases falling in Group II) ...	79	3	82
MINOR EAR DEFECTS	63	4	67
MISCELLANEOUS.			
(e.g., minor injuries, bruises, sores, chilblains, etc.).	1247	58	1305
TOTAL	1771	65	1836

GROUP II.—DEFECTIVE VISION AND SQUINT (excluding Minor Eye Defects treated as Minor Ailments—Group I.).

<i>Disease or Defect.</i> (1)	No. of Defects dealt with.		
	<i>Under the Authority's Scheme.</i> (2)	<i>Otherwise.</i> (3)	<i>Total.</i> (4)
Errors of Refraction (including squint)	127	1	128
Other defect or disease of the eyes (excluding those recorded in Group I)	Nil	Nil	Nil
TOTAL	127	1	128
	<i>Under the Authority's Scheme.</i>	<i>Otherwise.</i>	<i>Total.</i>
No. of Children for whom spectacles were :—			
(a) Prescribed	108	1	109
(b) Obtained	106	1	107

GROUP III.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

NUMBER OF DEFECTS.

RECEIVED OPERATIVE TREATMENT.												Received other forms of Treatment.	Total number treated.
Under the Authority's Scheme in Clinic or Hospital. (1)				By Private Practitioner or Hospital, apart from the Authority's Scheme. (2)				Total. (3)					
(i) —	(ii) —	(iii) 75	(iv) —	(i) —	(ii) —	(iii) 2	(iv) —	(i) —	(ii) —	(iii) 77	(iv) —	Nil	77

(i) Tonsils only. (ii) Adenoids only. (iii) Tonsils and Adenoids.
(iv) Other defects of the nose and throat.

GROUP IV.—ORTHOPAEDIC AND POSTURAL DEFECTS.

	Under the Authority's Scheme. (1)		
	Residential treatment with education. (i)	Residential treatment without education. (ii)	Non-residential treatment at an orthopaedic clinic. (iii)
Number of children treated	Nil	Nil	Nil

	Otherwise. (2)			
	Residential treatment with education. (i)	Residential treatment without education. (ii)	Non-residential treatment at an orthopaedic clinic. (iii)	Total number treated.
Number of children treated	1	Nil	15	15

TABLE V.—DENTAL INSPECTION AND TREATMENT.

(1) Number of children inspected by the Dentist :—

		Age :	Number :			
(a) Routine Age-groups		5	198	}	Total	... 2237
		6	236			
		7	194			
		8	242			
		9	257			
		10	242			
		11	213			
		12	287			
		13	227			
		14	141			
(b) Specials	... ..	...	...	...	...	51
(c) TOTAL						... 2288
(2)	Number found to require treatment	...	...	...	...	923
(3)	Number actually treated	...	...	...	...	802
(4)	Attendances made by children for treatment	...	...	...	...	1523
(5)	Half-days devoted to :—					
	Inspection	...	16			
	Treatment	...	176			
Total						... 192
(6)	Fillings :—					
	Permanent Teeth	...	1079			
	Temporary Teeth	...	83			
Total						... 1162
(7)	Extractions :—					
	Permanent Teeth	...	339			
	Temporary Teeth	...	196			
Total						... 535
(8)	Administrations of general anaesthetics for extractions	...	...	...	...	4
(9)	Other Operations :—					
	Permanent Teeth	...	51			
	Temporary Teeth	...	5			
Total						... 56

TABLE VI.—UNCLEANLINESS AND VERMINOUS CONDITIONS.

(i).	Average number of visits per school made during the year by the School Nurses	...	...	...	...	4.0
(ii).	Total number of examinations of children in the Schools by School Nurses	...	...	...	...	11,092
(iii).	Number of individual children found unclean	...	...	...	...	286
(iv).	Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921	...	...	...	...	Nil
(v).	Number of cases in which legal proceedings were taken :—					
	(a) Under the Education Act, 1921	...	...	...	...	Nil
	(b) Under School Attendance Byelaws	...	...	...	...	Nil

